SPC

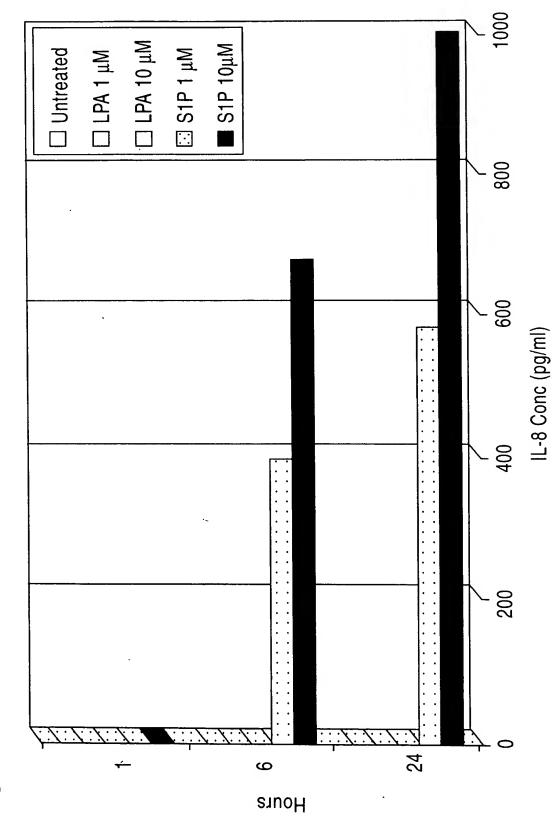


Fig.1

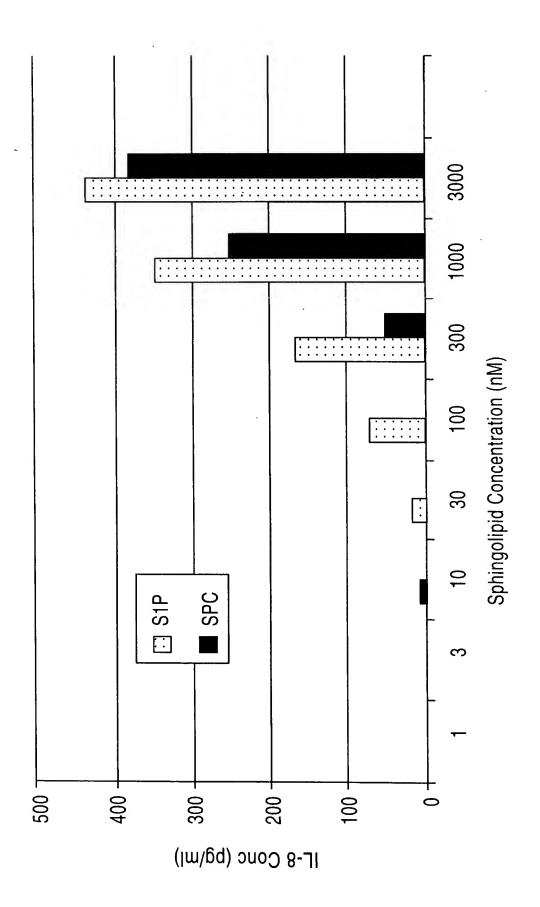


Fig.24

Fig.2B

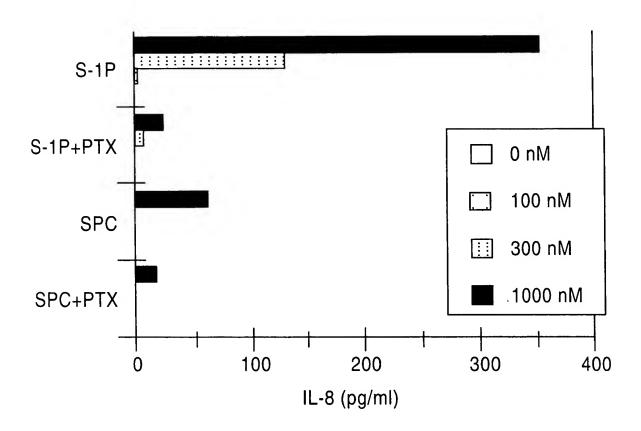


Fig.3

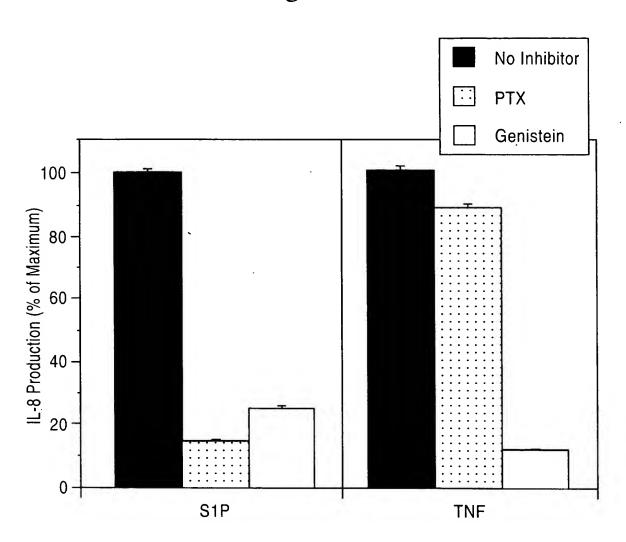
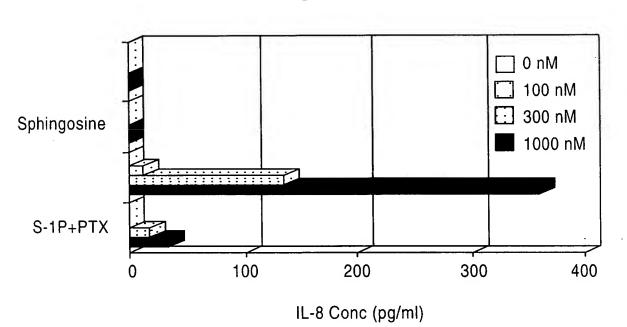
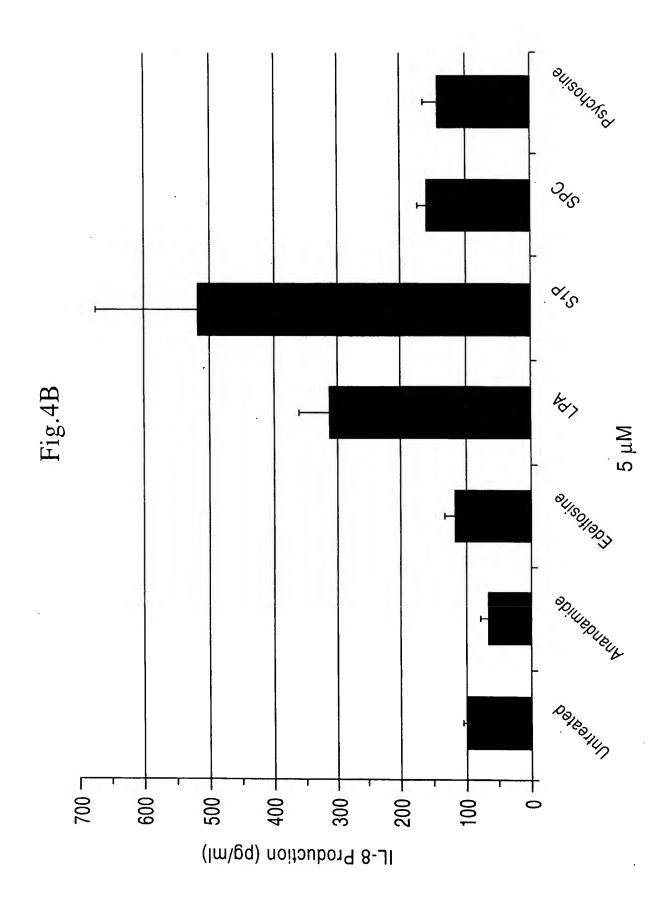
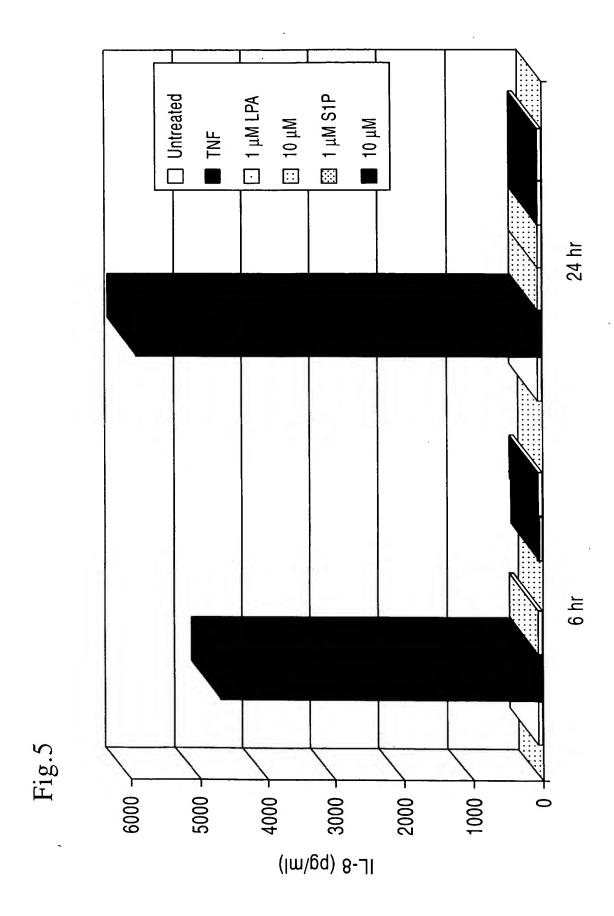
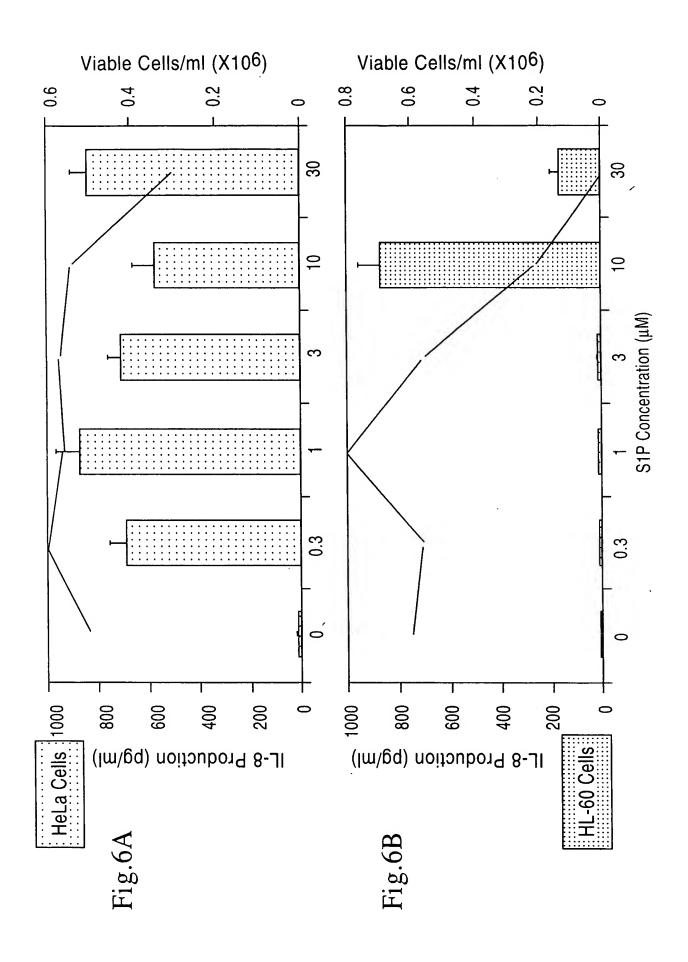


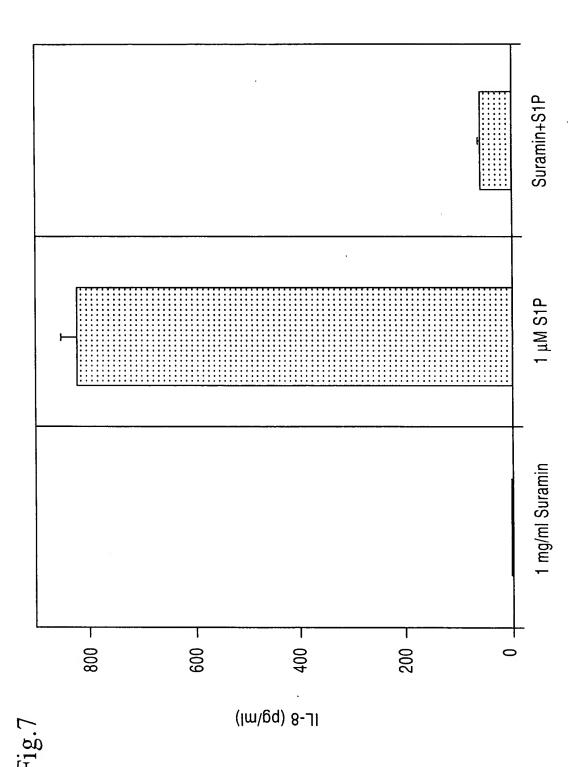
Fig.4A

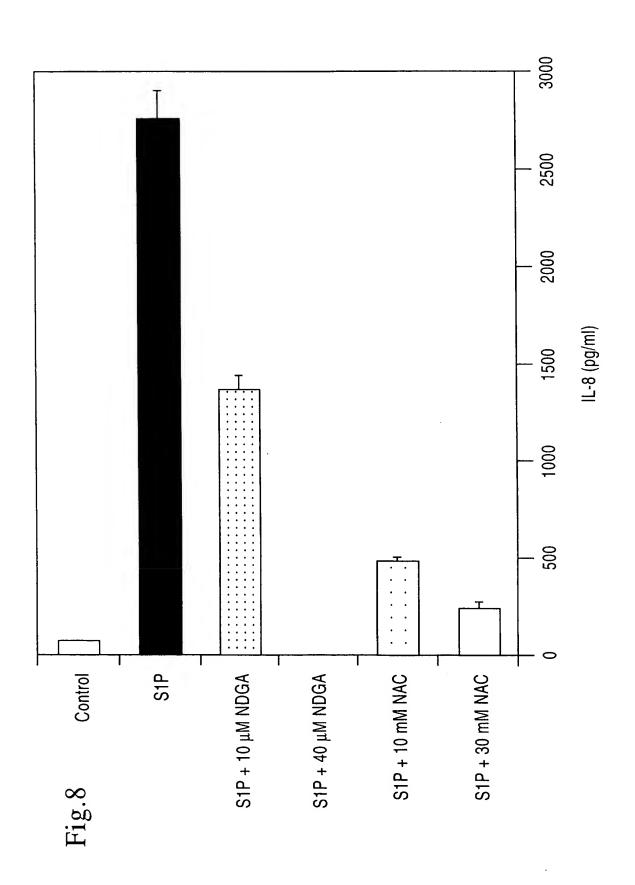












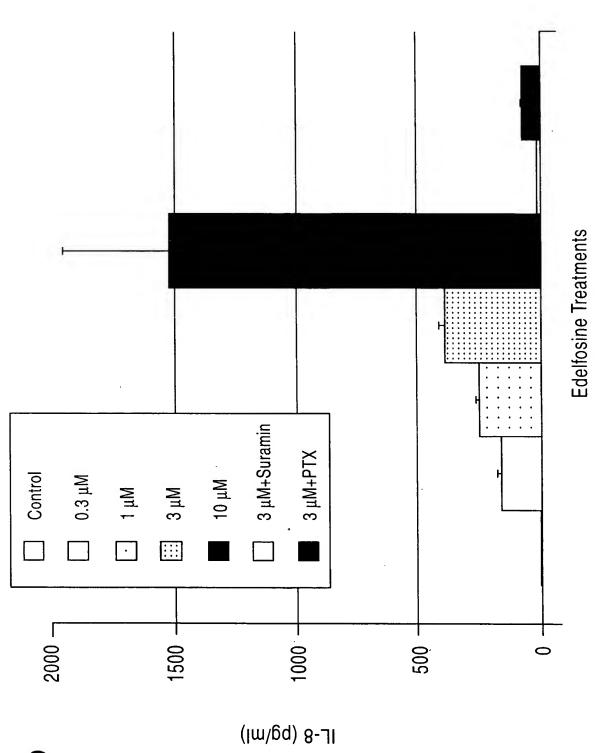
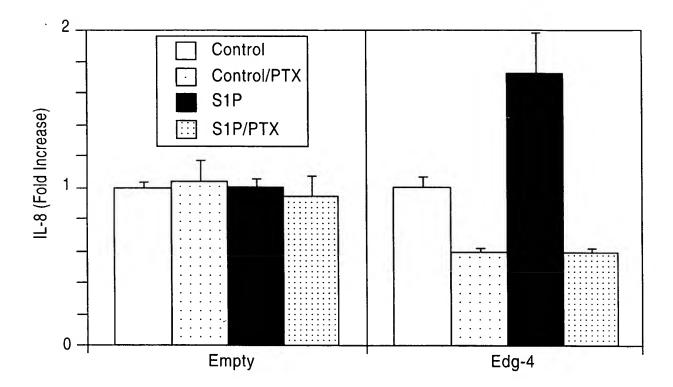
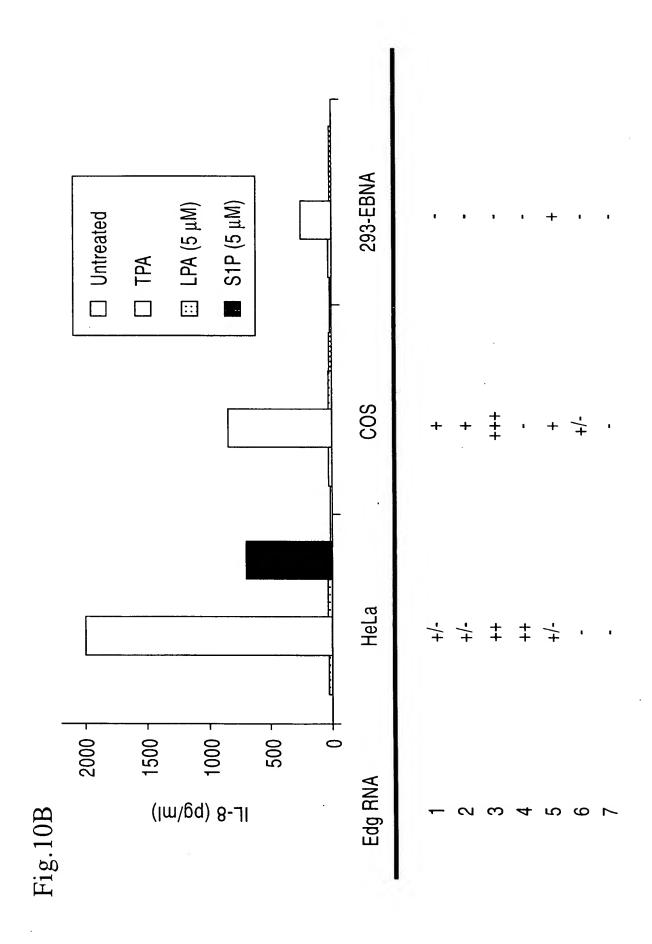
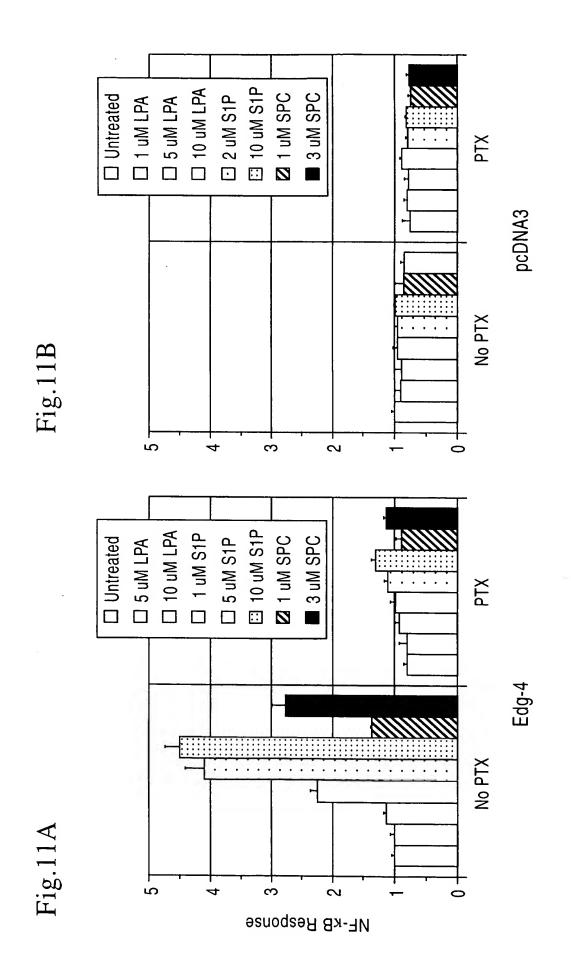


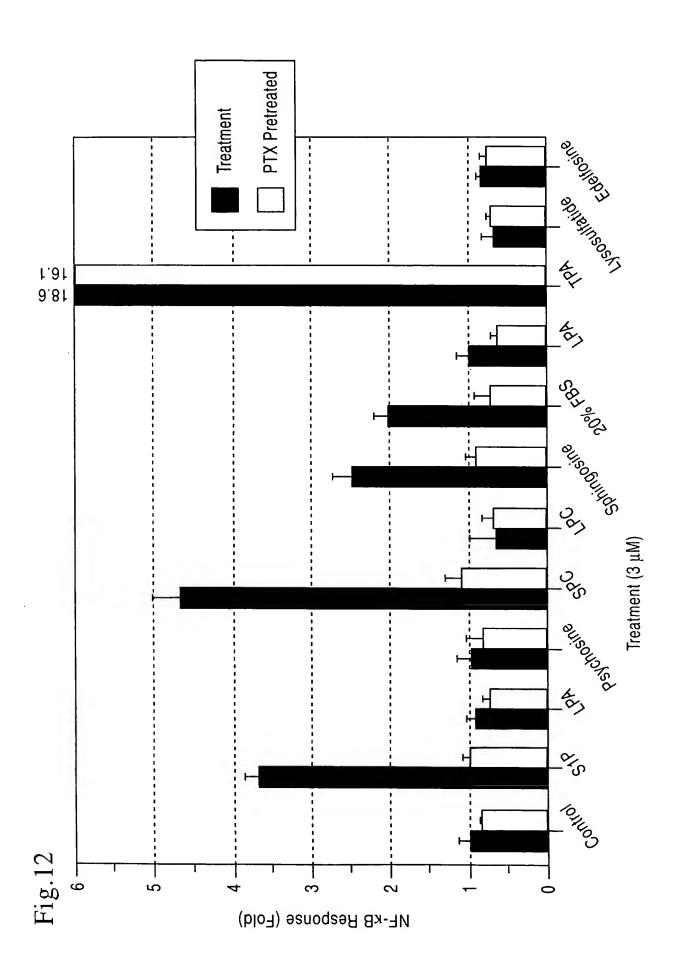
Fig. 9

Fig.10A









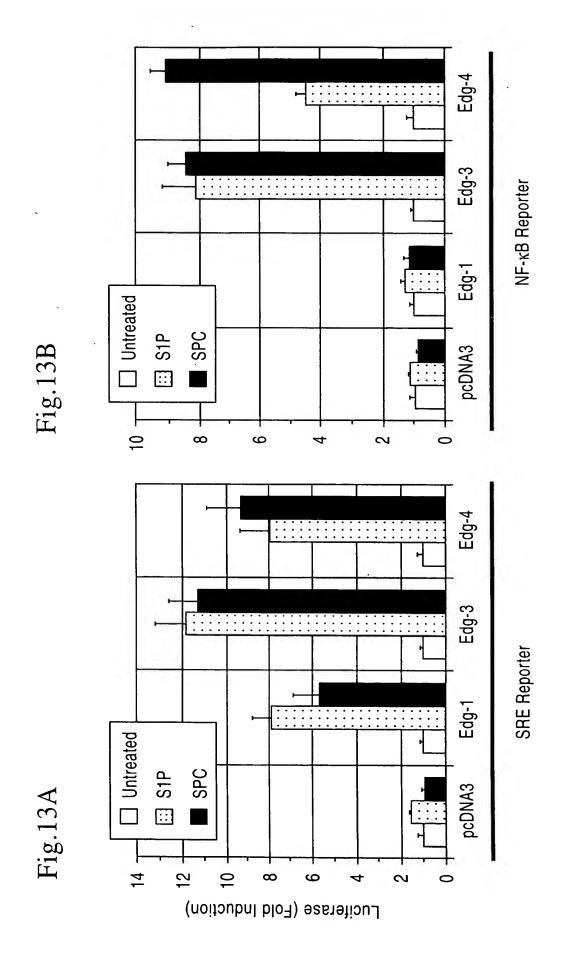


Fig.15A-1

CAGCAGGCCTCTGAGCCCCACCATGGGCAGCTTGTACTCGG	
GTCGTCCGGAGACTCGGGGTGGTACCCGTCGAACATGAGCC	
V Q E H Y N Y T K B T L E T GGTCCAGGAACACTATAATTATACCAAGGAGACGCTGGAAA	CGCA
CCAGGTCCTTGTGATATTAATATGGTTCCTCTGCGACCTTT	+ GCGT
Q V A S A F I V I L C C A I	
GGTCCACCGGAGCCGGAAGTAGCAGTAGGAGACAACGCGGT	+
V L I A V A R N S K F H S A	
.CCACGAGTAACGCCACCGGGCTTTGTCGTTCAAGGTGAGCC	+
n l a a s d l l a g v a f v Caacctggccgcctccgatctactggcaggcgtggccttcg	
GTTGGACCGGCGGAGGCTAGATGACCGTCCGCACCGGAAGC	+
G S V T L R L T P V Q W F A	CCCG
ACCGAGACAGTGCGACTCCGACTGCGGACACGTCACCAAAC	
IT LSASVFSLLAIA CATCACGCTCTCGCCTCTGTCTTCAGCCTCCTGGCCATCG	CCAT
GTAGTGCGAGAGCCGGAGACAGAAGTCGGAGGACCGGTAGC	-
I A K V K L Y G S D K S C R CATTGCCAAGGTCAAGCTGTATGGCAGCACAAGAGCTGCC	GCAT
GTAACGGTTCCAGTTCGACATACCGTCGCTGTTCTCGACGG	+ CGTA
A S W L I S L V L G G L P I GGCCTCGTGGCTCATCTCGCTGGTCCTCGGTGGCCCA	TCCT
CCGGAGCACCGAGTAGAGCGACCAGGAGCCACCGGACGGGT	
G H L E A C S T V L P L Y A	CCAA
.CCCGGTGGAGCTCCGGACGAGGTGACAGGACGGAGAGATGC	GGTT:

Fig.15A-2

	Y V R I Y C V V R S S H A D M A A P Q T GTACGTGGCGCATCTACTGCGGTGGTCCAGCCACGCTGACATGGCCGCCGCAGAC	
661	CATGCACGCGTAGATGACGCACCAGGCGAGTTCGGTGCGACTGTACCGGCGGGGGGTCTG	20
721	L A L L K T V T I V L G V F I V C W L P GCTAGCCCTGCTCAAGACGGTCACCATCGTGCTAGGCGTCTTTATCGTCTGCTGCTGCCCC 7	
721	CGATCGGGACGAGTTCTGCCAGTGGTAGCACGATCCGCAGAAATAGCAGACGACCGAC	80
781	A F S I L L L D Y A C P V H S C P I L Y CGCCTTCAGCATCCTCTGGACTATGCCTGTCCCGTCCACTCCTGCCCGATCCTCTA	140
	GCGGAAGTCGTAGGAGAAGACCTGATACGGACAGGCAGGTGAGGACGGCTAGGAGAT K A H Y K F A V S T L N S L L N P V I Y	
841	Caaagcccactacyttttcgccgtctccaccctgaattccctgctcaaccccgtcatcta	000
901	T W R S R D L R R E V L R P L Q C W R P CACGTGGCGCAGCCGGGACCTGCGGCGGGAGGTGCTTCGGCCGCTGCAGTGCTGCGGCCGCC GTGCACCGCGTCGGCCCTCGACGAGCCGGCGACGTNACGACCGCCGG	960
961	G V G V Q G R R R G G T P G H H L L P L GGGGGTGGGGGTGCACGCACCTCCTGCCACT CCCCCACCCCCACGTTCCTGCCCCCCCCCC	L020
1021	R S S S L E R G M H M P T S P T F L E CCGCAGCTCCAGCTCCCTGGAGAGGGGCATGCACATGCCCACGTCACCCACGTTTCTGGA GGCGTCGAGGTCGAGGGGACCTCTCCCCGTACGTGTACGGGTGCAGTGGGTGAAAAGACCT	1080
1081	G N T V V * GGGCAACACGGTGGTCTGAGGGTGGACCAACAACCAGGCCAGGGCATAGGGGTT CCCGTTGTGCCACCAGACTCCCACCCCCACCTGGTTGTTGGTCCGGTCCCGTATCCCCAA	L140
1141	CATGGAAAGGCCACTGGGTGACCCCAAATA 1170 GTACCTTTCCGGTGACCCACTGGGGTTTAT	

Fig.15B-1

cDNA sequence of clone pC3-hedg4#36 encoding functional HEDG4 receptor protein.

1	ATGGGCAGCTTGTACTCGGAGTACCTGAACCCCAACAAGGTCCAGGAACACTATAATTAT TACCCGTCGAACATGAGCCTCATGGACTTGGGGTTGTTCCAGGTCCTTGTGATATTAATA	6 0
61	ACCAAGGAGACGCTGGAAACGCAGGAGACGACCTCCCGCCAGGTGGCCTCGGCCTTCATC	120
121	GTCATCCTCTGTTGCGCCATTGTGGTGGAAAACCTTCTGGTGCTCATTGCGGTGGCCCGA CAGTAGGAGACAACGCGGTAACACCACCTTTTGGAAGACCACGAGTAACGCCACCGGGCT	180
181	AACAGCAAGTTCCACTCGGCAATGTACCTGTTTCTGGGCAACCTGGCCGCCTCCGATCTA TTGTCGTTCAAGGTGAGCCGTTACATGGACAAAGACCCGTTGGACCGGCGGAGGCTAGAT	240
241	CTGGCAGGCGTGGCCTTCGTAGCCAATACCTTGCTCTCTGGCTGTGTCACGCTGAGGCTG GACCGTCCGCACCGGAAGCATCGGTTATGGAACGAGAGCCGAGACAGTGCGACTCCGAC	300
301	ACGCCTGTGCAGTGGTTTGCCCGGGAGGGCTCTGCCTTCATCACGCTCTCGGCCTCTGTC TGCGGACACGTCACCAAACGGGCCCTCCCGAGACGGAAGTAGTGCGAGAGCCGGAGACAG	360
361	TTCAGCCTCCTGGCCATCGCCATTGAGCGCCACGTGGCCATTGCCAAGGTCAAGCTGTAT	420
421	GGCAGCGACAAGAGCTGCCGCATGCTTCTGCTCATCGGGGCCTCGTGGCTCATCTCGCTG CCGTCGCTGTTCTCGACGGCGTACGAAGACGAGTAGCCCCGGAGCACCGAGTAGAGCGAC	480
481	GTCCTCGGTGGCCTGCCCATCCTTGGCTGGAACTGCCTGGGCCACCTCGAGGCCTGCTCC CAGGAGCCACCGGACGGTAGGAACCGACCTTGACGGACCCGGTGGAGCTCCGGACGAGG	540
541	ACTGTCCTGCCTCTCTACGCCAAGCATTATGTGCTGTGC	600
601	ATCCTGTTGGCCGTCGTGGCCCTGTACGTGCGCATCTACTGCGTGGTCCGCTCAAGCCAC TAGGACAACCGGCAGCACCGGGACATGCACGCGTAGATGACGCACCAGGCGAGTTCGGTG	660
661	GCTGACATGGCCGCCCGCAGACGCTAGCCCTGCTCAAGACGGTCACCATCGTGCTAGGC CGACTGTACCGGCGGGGCGTCTGCGATCGGGACGAGTTCTGCCAGTGGTAGCACGATCCG	720
721	GTCTTTATCGTCTGCCTGCCTGCCCCCTTCAGCATCCTCCTTCTGGACTATGCCTGTCCC	780

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Fig.15B-2

	CAGAAATAGCAGACGACGGGCGGAAGTCGTAGGAGGAAGACCTGATACGGACAGGG	
781	GTCCACTCCTGCCCGATCCTCTACAAAGCCCACTACCTTTTCGCCGTCTCCACCCTGAAT CAGGTGAGGACGGGCTAGGAGATGTTTCGGGTGATGGAAAAGCGGCAGAGGTGGGACTTA	840
841	TCCCTGCTCAACCCCGTCATCTACACGTGGCGCAGCCGGGACCTGCGGCGGGAGGTGCTT AGGGACGAGTTGGGGCAGTAGATGTGCACCGCGTCGGCCCTGGACGCCGCCCTCCACGAA	900
901	CGGCCGCTGCAGTGCTGGCGGCCGGGGGTGGGGGTGCAAGGACGGAGGCGGGGCGGGACC GCCGGCGACGTCACGACCGCCGGCCCCACGTTCCTGCCTCCGCCCCGCCCTGG	960
961	CCGGGCCACCACCTCCTGCCACTCCGCAGCTCCAGCTCCCTGGAGAGGGGCATGCACATG	1020
1021	CCCACGTCACCCACGTTTCTGGAGGGCAACACGGTGGTCTGA	

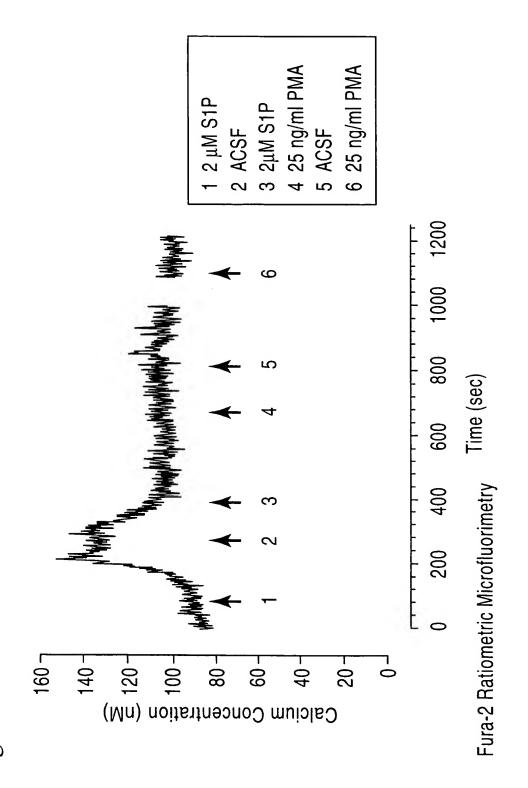


Fig. 19

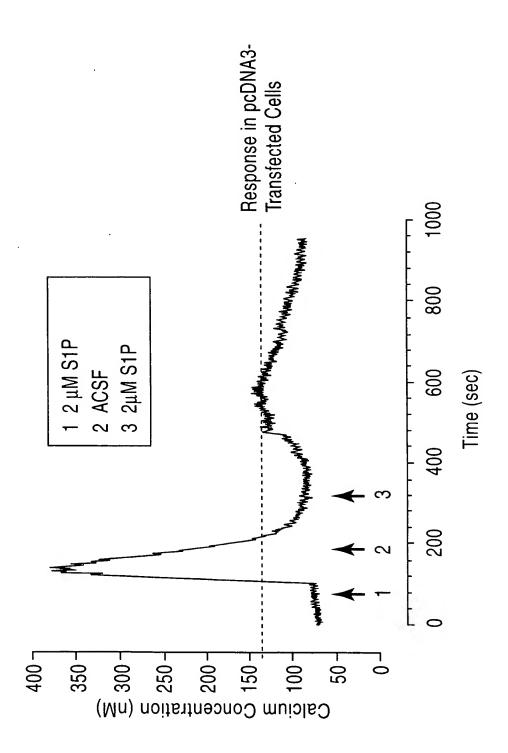


Fig.20

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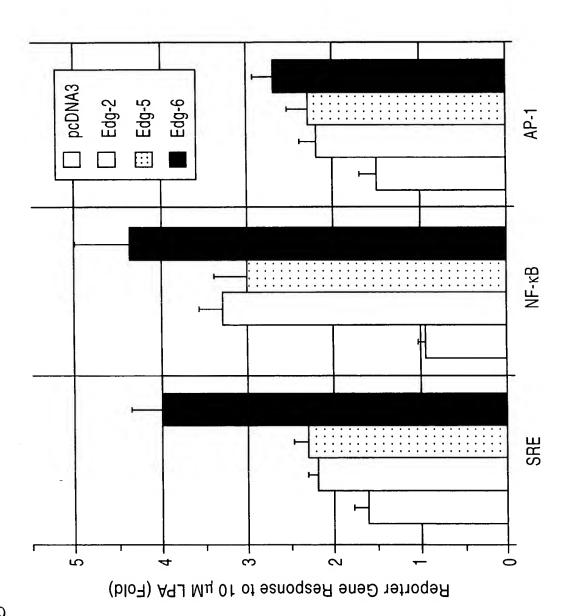
Fig.22A

Human Edg-6 Sequence

	ATGGTCATCATGGGCCAGTGCTACTACAACGAGACCATCGGCTTCTTCTATAACAACAGT
	TACCAGTAGTACCCGGTCACGATGATGTTGCTCTGGTAGCCGAAGAAGATATTGTTGTCA
,	GGCAAAGAGCTCAGCTCCCACTGGCGGCCCAAGGATGTGGTCGTGGTGGCACTGGGGCTG
	CCGTTTCTCGAGTCGAGGGTGACCGCGGGTTCCTACACCAGCACCACCGTGACCCCGAC
	ACCGTCAGCGTGCTGGTGCTGACCAATCTGCTGGTCATAGCAGCCATCGCCTCCAAC
	TGGCAGTCGCACGACGACGACTGGTTAGACGACCAGTATCGTCGGTAGCGGAGGTTG
	CGCCGCTTCCACCAGCCCATCTACTACCTGCTCGGCAATCTGGCCGCGGCTGACCTCTTC
	GCGGCGAAGGTGGTCGGGTAGATGATGACGAGCCGTTAGACCGGCGCCGACTGGAGAAG
	GCGGGCGTGGCCTACCTCTTCCTCATGTTCCACACTGGTCCCCGCACAGCCCGACTTTCA
	CGCCCGCACCGGATGGAGAAGGAGTACAAGGTGTGACCAGGGGCGTGTCGGGCTGAAAGT
	CTTGAGGGCTGGTTCCTGCGGCAGGGCTTGCTGGACACAAGCCTCACTGCGTCGGTGGCC
	GAACTCCCGACCAAGGACGCCGTCCCGAACGACCTGTGTTCGGAGTGACGCAGCCACCGG
	ACACTGCTGGCCATCGCCGTGGAGCGGCACCGCAGTGTGATGGCCGTGCAGCTGCACAGC
	TGTGACGACCGGTAGCGGCACCTCGCCGTGGCGTCACACTACCGGCACGTCGACGTGTCG
	CGCCTGCCCGTGGCCGCGTGGTCATGCTCATTGTGGGCGTGTGGGTGG
	GCGGACGGGGCACCGGCACCAGTACGAGTAACACCCGCACACCCACC
	CTGGGGCTGCTGCCCACTCCTGGCACTGCCTCTGTGCCCTGGACCGCTGCTCACGC
	GACCCCGACGACGGACGGGTGAGGACCGTGACGGAGACACGGGACCTGGCGACGAGTGCG
	ATGGCACCCTGCTCAGCCGCTCCTATTTGGCCGTCTGGGCTCTGTCGAGCCTGCTTGTC
	TACCGTGGGGACGAGTCGGCGAGGATAAACCGGCAGACCCGAGACAGCTCGGACGAACAG
	TTCCTGCTCATGGTGGCTGTGTACACCCGCATTTTCTTCTACGTGCGGCGGCGAGTGCAG
	AAGGACGAGTACCACCGACACGTGTGGGCGTAAAAGAAGATGCACGCCGCCGCTCACGTC
	CGCATGGCAGAGCATGTCAGCTGCCACCCCGCTACCGAGAGACCACGCTCAGCCTGGTC
	GCGTACCGTCTCGTACAGTCGACGGTGGGGGGGGGGTGGCTCTCTGGTGCGAGTCGGACCAG
	AAGACTGTTGTCATCATCCTGGGGGCGTTCGTGGTCTGCTGGACACCAGGCCAGGTGGTA
	TTCTGACAACAGTAGTAGGACCCCGCAAGCACCAGACGACCTGTGGTCCGGTCCACCAT
	CTGCTCCTGGATGGTTTAGGCTGTGAGTCCTGCAATGTCCTGGCTGTAGAAAAGTACTTC
	GACGAGGACCTACCAAATCCGACACTCAGGACGTTACAGGACCGACATCTTTCATGAAG

Fig.22B

841	GATGACGACCGGCTCACTCACTGGTCAATGCTGCTGTGTACTCTTGCCGAGATGCT GATGACGACCGGCTCCGGTTGAGTGACCAGTTACGACGACACATGAGAACGGCTCTACGA	900
901	GAGATGCGCCGCACCTTCCGCCGCCTTCTCTGCTGCGCGTGCCTCCGCCAGTCCACCCGC CTCTACGCGGCGTGGAAGGCGGCGGAAGAGACGACGCGCACGGAGGCGGTCAGGTGGGCG	960
961	GAGTCTGTCCACTATACATCCTCTGCCCAGGGAGGTGCCAGCACTCGCATCATGCTTCCC CTCAGACAGGTGATATGTAGGAGACGGGTCCCTCCACGGTCGTGAGCGTAGTACGAAGGG	1020
1021	GAGAACGGCCACCGATGGACTCCACCCTTTAG	



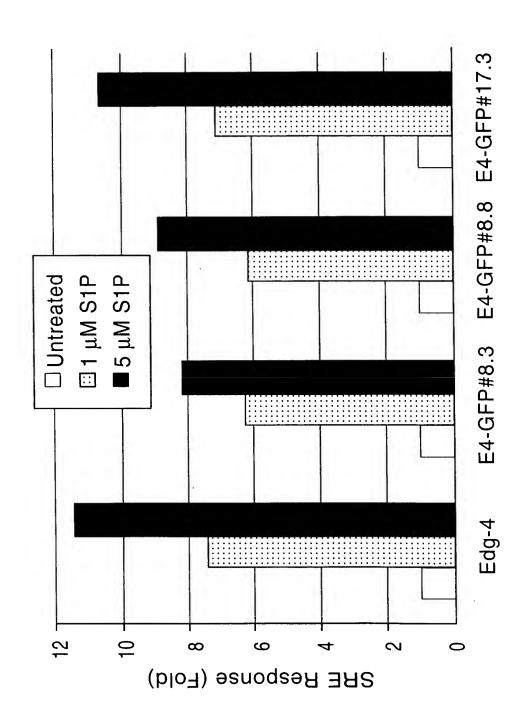


Fig.24

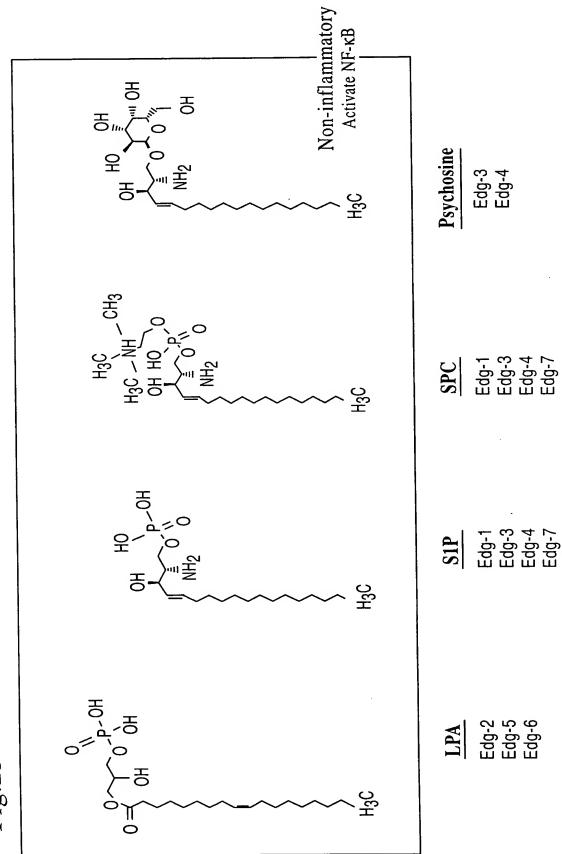


Fig.25